UNITED STATES PATENT AND TRADEMARK OFFICE

NOTICE OF ALLOWANCE AND FEE(S) DUE

23838   7590   02/09/2011

KENYON & KENYON LLP
1500 K STREET N.W.
SUITE 700
WASHINGTON, DC 20005

EXAMINER
SEE, CAROL A

ART UNIT	PAPER NUMBER
3693	

DATE MAILED: 02/09/2011

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/743,143	12/23/2003	Thomas M. Schaub	11884 / 406701	7478

TITLE OF INVENTION: ENTERPRISE MANAGEMENT APPLICATION PROVIDING AVAILABILITY CONTROL CHECKS ON REVENUE BUDGETS

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	$1510	$300	$0	$1810	05/09/2011

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PTOL-85 (Rev. 08/07) Approved for use through 08/31/2010.

Complete and send this form, together with applicable fee(s), to: <u>Mail</u> | Mail Stop ISSUE FEE
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450
or <u>Fax</u> (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

23838　　　7590　　　02/09/2011

KENYON & KENYON LLP
1500 K STREET N.W.
SUITE 700
WASHINGTON, DC 20005

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission
I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

_____ (Depositor's name)

_____ (Signature)

_____ (Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/743,143	12/23/2003	Thomas M. Schaub	11884 / 406701	7478

TITLE OF INVENTION: ENTERPRISE MANAGEMENT APPLICATION PROVIDING AVAILABILITY CONTROL CHECKS ON REVENUE BUDGETS

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	$1510	$300	$0	$1810	05/09/2011

EXAMINER	ART UNIT	CLASS-SUBCLASS
SEE, CAROL A	3693	705-035000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.

☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. **Use of a Customer Number is required.**

2. For printing on the patent front page, list

(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,

(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 _____

2 _____

3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE　　　　　　　　　　(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Please check the appropriate assignee category or categories (will not be printed on the patent) : ☐ Individual ☐ Corporation or other private group entity ☐ Government

4a. The following fee(s) are submitted:

☐ Issue Fee
☐ Publication Fee (No small entity discount permitted)
☐ Advance Order - # of Copies _____

4b. Payment of Fee(s): **(Please first reapply any previously paid issue fee shown above)**

☐ A check is enclosed.
☐ Payment by credit card. Form PTO-2038 is attached.
☐ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number _____ (enclose an extra copy of this form).

5. **Change in Entity Status** (from status indicated above)

☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.

☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature _____　　　Date _____

Typed or printed name _____　　　Registration No. _____

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/743,143	12/23/2003	Thomas M. Schaub	11884 / 406701	7478

23838 7590 02/09/2011		EXAMINER
KENYON & KENYON LLP		SEE, CAROL A
1500 K STREET N.W.	ART UNIT	PAPER NUMBER
SUITE 700	3693	
WASHINGTON, DC 20005	DATE MAILED: 02/09/2011	

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)
(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 706 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 706 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

	Application No.	Applicant(s)
Notice of Allowability	10/743,143	SCHAUB ET AL.
	Examiner	**Art Unit**	
	Carol See	3693	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to _____.

2. ☒ The allowed claim(s) is/are *6,7,10-13,15-19 and 21*.

3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a) ☐ All   b) ☐ Some*   c) ☐ None   of the:

        1. ☐ Certified copies of the priority documents have been received.

        2. ☐ Certified copies of the priority documents have been received in Application No. _____ .

        3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

    * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.

    (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached

        1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.

    (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of

        Paper No./Mail Date _____.

    Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)

2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)

3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____

4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

5. ☐ Notice of Informal Patent Application

6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____ .

7. ☒ Examiner's Amendment/Comment

8. ☒ Examiner's Statement of Reasons for Allowance

9. ☐ Other _____.

/James A. Kramer/
Supervisory Patent Examiner, Art Unit 3693

EXAMINER'S AMENDMENT

1.   An examiner's amendment to the record appears below. Should the changes

and/or additions be unacceptable to applicant, an amendment may be filed as provided

by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be

submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview

with Attorney Martin Miller on 1/28/2011 and follow-up on 1/31/2011.

IN THE CLAIMS:

1-5. (Cancelled)

6. (Currently Amended) A computer-implemented enterprise management system,
comprising:

a revenue budget ledger database ~~to~~ configured to store a plurality of revenue

budget items representing a budget defined for an organization utilizing an enterprise

management application;

a revenue budget postings ledger database configured to store revenue items

generated from various transactions and already admitted to the enterprise

management system;

a plurality of Availability Control ~~(AVC)~~ ledgers of an Availability Control system,

each ledger comprising an ~~AVC~~ Availability Control rule set related to a control

object(s), and a database configured to store aggregated values of revenue budget

items from the revenue budget ledger database and revenue items from the revenue

budget postings ledger database that are operands to the control object(s) in the ~~AVC~~

Availability Control rule set of the ledger;

a transaction manager~~, executing on a~~ configured to execute on a computer

processor, the computer processor configured to:

receive new revenue transactions which include a revenue value ~~from new posted revenue transactions~~,

store the <u>new</u> revenue transactions in a transactions database, and

determine whether each <u>new</u> revenue transaction affects any control objects listed in any one of said Availability Control ~~(AVC)~~ ledgers;

an Availability Control manager, ~~executing on~~ configured to <u>execute on the computer</u> processor<u>, the computer processor</u> configured to:

receive from the transaction manager an indication of the control object affected by the new revenue transaction and the revenue value of the new revenue transaction;

responsive to receipt of the <u>new</u> revenue value ~~posted~~ <u>obtained</u> from ~~a~~ <u>the received</u> new revenue transaction, ~~accessing~~ an ~~AVC~~ <u>Availability Control</u> rule in one of the plurality of ~~AVC~~ <u>Availability Control</u> ledgers containing the aggregated values of ~~the revenue postings~~ <u>revenue items from the revenue budget postings ledger database</u> and revenue budget items relevant to the affected control object,

compare <u>an aggregated value</u> of previously-posted revenue value retrieved from a source address in the ~~AVC~~ <u>Availability Control</u> rule related to the affected control object with a <u>new aggregated</u> value ~~determined using~~ <u>including</u> the revenue value of the new ~~posted~~ revenue transaction;

determine from the result of the comparison, whether a limit to how much revenue may be posted for the control object has been exceeded according to a relationship defined by the ~~AVC~~ <u>Availability Control</u> rule, and

cause the transaction manager to reject the new revenue transaction based on the results of the determination.

7.   (Currently Amended) The computer-implemented enterprise management system of claim 6, wherein the aggregated values are generated <u>according to an aggregation scheme</u> for executing the ~~AVC~~ <u>Availability Control</u> rule<u>, the aggregation</u>

scheme identifying a type of summation to be performed on the revenue items and
revenue budget items.

8.   (Cancelled).

9.   (Cancelled).

10.   (Currently Amended) An Availability Control ~~(AVC)~~ method for an Availability
Control system, the method comprising:

       determining, by a computer processor, in response to a proposed posting of a
new revenue transaction to an enterprise management application, whether a revenue
calculation of any control objects stored in one of a plurality of ~~AVC~~ Availability Control
ledgers would use a new revenue value from the proposed posting of the new revenue
transaction in a revenue calculation, wherein each ledger of the plurality of ~~AVC~~
Availability Control ledgers comprises an ~~AVC~~ Availability Control rule set related to at
least one of a plurality of control objects, and a database for storing aggregated values
of revenue budget items from a revenue budget ledger database and revenue items
from a revenue budget postings ledger database that are operands to at least one of a
plurality of control object in the ~~AVC~~ Availability Control rule set of the ledger;

       identifying, by a computer processor, at least one of the plurality of control
objects as a control object using the proposed posting of the new revenue transaction in
a revenue calculation;

       executing, by a computer processor, ~~AVC~~ Availability Control rules from the ~~AVC~~
Availability Control ledger for each identified control object, the ~~AVC~~ Availability Control
rules testing whether the proposed posting of the new revenue transaction would
~~exceed~~ cause revenue limits to be exceeded for the identified control object in the ~~AVC~~
Availability Control rule set of the ~~AVC~~ Availability Control ledger, and

       rejecting ~~blocking, if any AVC rule is violated by~~ the proposed posting ~~proposed~~
from being admitted to an enterprise management system, if any Availability Control
rule is violated by the proposed posting of the new revenue transaction and if the ~~AVC~~
Availability Control rule identifies the violation as an error ~~as a response thereto, the~~

~~posting from being admitted~~ <u>wherein a rule is violated when the admitting the posting</u> <u>would cause revenue limits to be exceeded for the identified control object.</u>

11. (Currently Amended) The ~~AVC~~ <u>Availability Control</u> method of claim 10, wherein the executing comprises:

retrieving from an ~~AVC~~ <u>Availability Control</u> database of the~~(AVC~~ <u>Availability Control</u> ledger containing the identified control object, a postings operand generated from an aggregation of previously-admitted postings <u>of revenue</u> values <u>or items</u> addressed by the control object, and

determining whether the postings operand satisfies a test relationship stored in the rule set of the ~~AVC~~ <u>Availability Control</u> ledger specified for the identified control object.

12. (Currently Amended) The ~~AVC~~ <u>Availability Control</u> method of claim 10, wherein the executing comprises:

retrieving from an ~~AVC~~ <u>Availability Control</u> database of the ~~AVC~~ <u>Availability Control</u> ledger containing the identified control object, a postings operand generated from an aggregation of previously admitted postings <u>of revenue</u> values <u>or items</u> addressed by the control object and ~~from~~ a new revenue ~~posting~~ value, and

determining whether the postings operand satisfies a test relationship stored in the rule set of the ~~AVC~~ <u>Availability Control</u> ledger specified for the identified control object.

13. (Currently Amended) The ~~AVC~~ <u>Availability Control</u> method of claim 12, further comprising storing the postings operand in the database of the ~~AVC~~ <u>Availability Control</u> ledger associated with the control object.

14. (Cancelled).

15.   (Currently Amended) The ~~AVC~~ Availability Control method of claim 10, further comprising performing the determining, the executing and, if necessary the rejecting ~~blocking~~ for each of a plurality of ~~AVC~~ Availability Control rule sets related to the identified control object.

16.   (Currently Amended) A computer readable medium ~~having~~ with program instructions stored thereon that, when executed, cause an executing device to:

responsive to a proposed postings of a new revenue transaction to an enterprise management application, determine whether ~~the~~ a revenue calculation for any control objects stored in one of a plurality of ~~AVC~~ Availability Control ledgers would use the new revenue transaction in a revenue calculation, wherein each ledger of the plurality of ~~AVC~~ Availability Control ledgers comprises an ~~AVC~~ Availability Control rule set related to at least one of a plurality of control objects, and a database for storing aggregated values of revenue budget items from a revenue budget ledger database and revenue items from a revenue budget postings ledger database that are operands to at least one of a plurality of control objects in the ~~AVC~~ Availability Control rule set of the ledger;

identify the at least one of a plurality of control objects as a control object using the proposed posting in a revenue calculation;

execute Availability Control(~~AVC~~) rules from the ~~AVC~~ Availability Control ledger for each identified control object, the ~~AVC~~ Availability Control rules testing whether the proposed postings of revenue would cause ~~exceed~~ revenue limits to be exceeded for the identified control object in the ~~AVC~~ Availability Control rule set of the Availability Control ledger, and

reject the posting from being admitted to an enterprise management system if any ~~AVC~~ Availability Control rule is violated by the proposed revenue posting causing revenue limits to be exceeded for the identified control object and if the ~~AVC~~ Availability Control rule identifies the violation as an error. ~~as a response thereto, block the posting from being admitted.~~

17.   (Currently Amended) The computer readable medium of claim 16, having instructions stored thereon that further cause the executing device to:

retrieve from an ~~AVC~~ Availability Control database of the ~~AVC~~ Availability Control ledger containing the identified control object, a postings operand generated from an aggregation of previously-admitted postings of revenue values or items addressed by the control object, and

determine whether the postings operand satisfies a test relationship stored in the rule set of the ~~AVC~~ Availability Control ledger specified for the control object.

18.   (Currently Amended) The computer readable medium of claim 16, having instructions stored thereon that further cause the executing device to:

retrieve from an ~~AVC~~ Availability Control database of the ~~AVC~~ Availability Control ledger containing the identified control object, a postings operand generated from an aggregation of previously-admitted postings of revenue values or items addressed by the control object and ~~from~~ a new revenue ~~posting~~ value, and

determine whether the postings operand satisfies a test relationship stored in the rule set of the ~~AVC~~ Availability Control ledger specified for the control object.

19.   (Currently Amended) The computer readable medium of claim 16, having instructions stored thereon that further cause the executing device to store the postings operand in the database of the ~~AVC~~ Availability Control ledger associated with the control object.

20.   (Cancelled).

21.   (Currently Amended) The computer readable medium of claim 16, having instructions stored thereon that further cause the executing device to perform the determination, the execution and, if necessary the rejecting ~~blocking~~ for each of a plurality of ~~AVC~~ Availability Control rule sets related to the identified control object.

22.   (Canceled).

23.   (Canceled).

24.   (Canceled).

2.   The following is an examiner's statement of reasons for allowance:

The closest prior art, Zawadzki et al. (U.S. 7,107,268) shows a project

management system and method that sets expenditures against budget items in a

budget and prevents spending more money than is available (col. 41, lines 10-60).

The prior art fails to teach or suggest a system or method that operates on

revenue-generating transactions that limits the amounts of revenue according to specific

Availability Control rules. The prior art fails to show a revenue budget ledger database

configured to store a plurality of revenue budget items representing a budget defined for

an organization utilizing an enterprise management application; a revenue budget

postings ledger database configured to store revenue items generated from various

transactions and already admitted to the enterprise management system; a plurality of

Availability Control ledgers of an Availability Control system, each ledger comprising an

Availability Control rule set related to a control object(s), and a database configured to

store aggregated values of revenue budget items from the revenue budget ledger

database and revenue items from the revenue budget postings ledger database that are

operands to the control object(s) in the Availability Control rule set of the ledger; a

transaction manager configured to execute on a computer processor, the computer

processor configured to: receive new revenue transactions which include a revenue

value, store the new revenue transactions in a transactions database, and determine

whether each new revenue transaction affects any control objects listed in any one of said Availability Control ledgers; an Availability Control manager, configured to execute on a computer processor, the computer processor configured to: receive from the transaction manager an indication of the control object affected by the new revenue transaction and the revenue value of the new revenue transaction; responsive to receipt of the new revenue value obtained from the received new revenue transaction, access an Availability Control rule in one of the plurality of Availability Control ledgers containing the aggregated values of revenue items from the revenue budget postings ledger database and revenue budget items relevant to the affected control object, compare an aggregated value of previously-posted revenue value retrieved from a source address in the Availability Control rule related to the affected control object with a new aggregated value including the revenue value of the new revenue transaction; determine from the result of the comparison, whether a limit to how much revenue may be posted for the control object has been exceeded according to a relationship defined by the Availability Control rule, and cause the transaction manager to reject the new revenue transaction based on the results of the determination. For this reason claim 6 is allowed over the prior art. Independent claims 10 and 16 are allowed based on similar reasoning. Claims 7, 11-13, 15, 17-19 and 21 are allowed based on their dependency.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably

accompany the issue fee. Such submissions should be clearly labeled "Comments on

Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Carol See whose telephone number is (571)272-9742.

The examiner can normally be reached on Monday - Thursday 6:45 am - 5:15 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, James Kramer can be reached on (571) 272-6783. The fax phone number

for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the

Patent Application Information Retrieval (PAIR) system. Status information for

published applications may be obtained from either Private PAIR or Public PAIR.

Status information for unpublished applications is available through Private PAIR only.

For more information about the PAIR system, see http://pair-direct.uspto.gov. Should

you have questions on access to the Private PAIR system, contact the Electronic

Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a

USPTO Customer Service Representative or access to the automated information

system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/James A. Kramer/
Supervisory Patent Examiner, Art Unit 3693

/Carol See/
Examiner, Art Unit 3693